

Cox 1999-0767A

IN THE CLAIMS:1. cancelled

2. (currently amended) A method of generating speech coding parameters of an erased frame in a bitstream-based front end of a speech recognition system, the method comprising the steps of: The method as defined in claim 1 wherein in performing the detection, the following steps are performed:

detecting an erased frame;

measuring the Euclidean distance between the line spectrum pairs (LSPs) of contiguous frames (n-1) and n;

defining a steady-state threshold T; and

deleting the LSPs of the n<sup>th</sup> frame in an observation sequence of the measured distance is less than or equal to T one frame of the contiguous frames when the Euclidean distance is less than the threshold; and

generating the speech coding parameters decoding with a standard hidden Markov model process.

3. cancelled

4. (currently amended) The method as defined in claim 1 or 2 wherein in detecting a frame erasure, an erasure is declared when the bits most sensitive to error within a frame are determined to be in error.

5. (original) The method as defined in claim 4 wherein the bits most sensitive to error in a frame in a bitstream-based speech recognition system include the line spectrum pair information bits and the gain information bits.